

(12) UK Patent Application (19) GB (11) 2 101 857 A

(21) Application No 8219834

(22) Date of filing 28 Apr 1982

Date lodged 8 Jul 1982

(30) Priority data

(31) 8114211

(32) 8 May 1981

(33) United Kingdom (GB)

(43) Application published

19 Jan 1983

(61) INT CL³

H04B 3/56

H01F 23/00

(52) Domestic classification

H4R 10AX 10C1 TC

H1T 12 1F 6 7C4

(56) Documents cited

GB A 2052221

GB 1441945

GB 1429859

GB 1352185

GB 1344212

GB 0840465

GB 0806901

GB 0709118

GB 0683265

(58) Field of search

H4R

(60) Derived from application

no. 8212030 under section

15(4) of the Patents Act

1977.

(71) Applicants

United Kingdom Atomic

Energy Authority,

(Great Britain),

11 Charles II Street,

London SW1Y 4QP.

(72) Inventors

Richard John Aspley,

Dennis Peter David

Brown.

(74) Agents

United Kingdom Atomic

Energy Authority,

(J.E. Alderman),

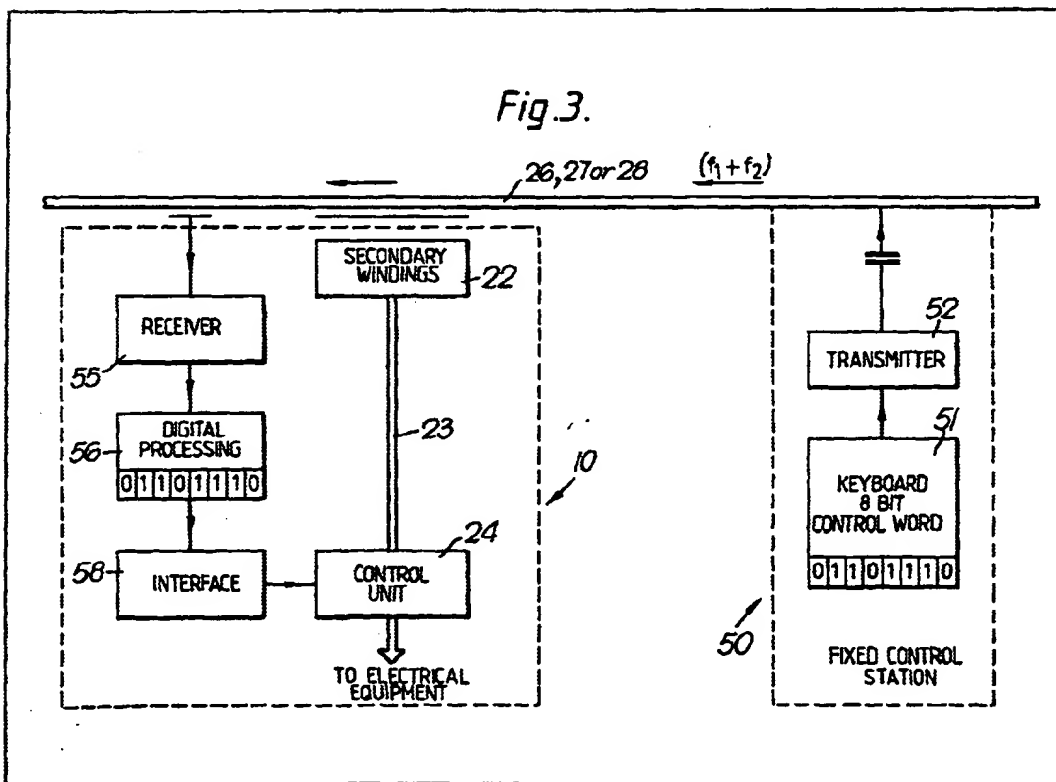
Patents Branch,

11 Charles II Street,

London SW1Y 4QP.

(54) A communications system

(57) A communications system for a device 10 incorporates a conductor 26 extending along a locus near to the device 10, and a transmitter 52 arranged to transmit signals through the conductor 26. The system also includes a receiver 55 at the device 10, arranged to detect the signals by capacitive means. The signals consist of two or more frequencies which are converted to corresponding voltage levels at the receiver 55. The device 10 may be a carriage driven alongside the conductor 26 by a motor receiving drive current from the conductor by inductive coupling.



GB 2 101 857 A

The drawings originally filed were informal and the print here reproduced is taken from a later filed formal copy. The date of filing shown above is that provisionally accorded to the application in accordance with the provisions of Section 15(4) of the Patents Act 1977 and is subject to ratification or amendment at a later stage of the application proceedings.